AMENDMENTS

In the Claims:

Replace the indicated claims with:

1. (Original) A negative-working heat-sensitive material for making a lithographic printing plate by direct-to-plate recording, the material comprising in the order given a lithographic base having a hydrophilic surface, an oleophilic imaging layer and a cross-linked hydrophilic upper layer, characterized in that said cross-linked hydrophilic upper layer comprises an organic compound corresponding to one of the following formula:

 $R1-(O)_n-POzA_2 \qquad (1)$

 $R2-(O)_n-SO_3A$ (II)

wherein n is 0 or 1: A is hydrogen, a counter ion or an alkyl group; R1 is an organic radical; and R2 is a macromolecular organic radical.

- 2. (Previously Amended) A material according to claim 1 wherein the organic compound is derived from poly(styrene sulfonic acid) or a salt thereof, or poly(vinyl phosphonic acid) or a salt thereof.
- 3. (Original) A material according to claim 1 wherein the oleophilic imaging layer has a dry coating weight between 0.1 and 0.75 g m².
- 4. (Original) A material according to claim 1 wherein the oleophilic imaging layer comprises a heat-sensitive binder.
- 5. (Previously Amended) A material according to claim I wherein the oleophilic imaging layer comprises carbon black or graphite as an IR-absorbing compound.
- 6. (Previously Amended) A material according to claim 1 wherein the cross-linked hydrophilic upper layer comprises oxides or hydroxides of beryllium, magnesium, aluminum, silicon, gadolinium, germanium, arsenic, indium, tin, antimony, tellurium, lead, bismuth, titanium or a transition metal.

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- 7. (Original) A material according to claim 1 wherein the lithographic base is a grained and anodized aluminum support or a flexible support provided with a cross-linked hydrophilic base layer.
- 8. (Original) A material according to claim 1 wherein the cross-linked hydrophilic upper layer has a dry thickness between 0.3 and 5 μm.
- 9. (Original) A direct-to-plate method of making a lithographic printing plate comprising the steps of:
 - (i) providing a material according to any of the preceding claims:
- (ii) image-wise exposing the material to an infrared laser beam having an intensity higher than $0.1 \text{ mW} \ \mu\text{m}^2$:
 - (iii) contacting the material with fountain solution and ink.
- (ii), the material is mounted on a cylinder of a printing press.